

CLAIMS

What is claimed is:

1. A method for determining a call backup, comprising:

detecting a context for a call from a caller to an intended callee; and

automatically selecting at least one backup party from among a plurality of backup parties to said intended party according to said context for said call.

2. The method for determining a call backup according to claim 1, further comprising:

receiving a request for a selection of at least one backup party.

3. The method for determining a call backup according to claim 1, further comprising:

detecting a context for said call at a context inference service executing within a trusted telephone network handling said call.

4. The method for determining a call backup according to claim 1, further comprising:

detecting a context for said call at a context inference service executing outside a trusted telephone network handling said call.

1009164-13404

5. The method for determining a call backup according to claim 1, further comprising:

automatically facilitating forwarding said call to said at least one backup party.

6. The method for determining a call backup according to claim 1, further comprising;

responsive to detecting said intended callee as unavailable, automatically facilitating transfer of said call from said intended callee to said at least one backup party

7. The method for determining a call backup according to claim 1, further comprising:

searching for said intended callee among at least one line number according to an identity of said intended callee; and

responsive to not detecting said callee at said at least one line number, automatically facilitating transfer of said call from said intended callee to said at least one backup party.

8. The method for determining a call backup according to claim 1, further comprising:

accessing a backup profile comprising a plurality of backup parties designated according to context for said intended callee; and

filtering said plurality of backup parties according to said context for said call.

1002464-131704
T02T07-4922007

9. The method for determining a call backup according to claim 1, wherein said at least one backup party provides backup for a subject matter of said call context.

10. The method for determining a call backup according to claim 1, wherein said at least one backup party provides backup for an event of said call context.

11. The method for determining a call backup according to claim 1, wherein said at least one backup party provides backup for a time period of said context.

12. The method for determining a call backup according to claim 1, wherein said at least one backup party provides backup for a location of said caller in said call context.

13. The method for determining a call backup according to claim 1, wherein said at least one backup party provides backup for a type of device utilized by said caller in said call context.

14. The method for determining a call backup according to claim 1, wherein said at least one backup party comprises at least one individual.

15. The method for determining a call backup according to claim 1, wherein said at least one backup party comprises a business entity.

16. The method for determining a call backup according to claim 1, wherein said at least one backup party comprises a voice messaging service.

10022164-34704

17. The method for determining a call backup according to claim 1, wherein said at least one backup party comprises a text messaging service.

18. The method for determining a call backup according to claim 1, wherein said at least one backup party comprises an instant messaging service.

19. The method for determining a call backup according to claim 1, further comprising:

facilitating transfer of said call to a messaging service, wherein said messaging service provides said caller with a plurality of options comprising at least one from among leaving a message and selecting to transfer to another backup party.

20. The method for determining a call backup according to claim 1, further comprising:

sharing payment for telephone service costs for said call between said intended callee and said at least one backup party.

21. The method for determining a call backup according to claim 1, further comprising:

transferring a payment from said intended callee to said at least one backup party for answering said call.

22. The method for determining a call backup according to claim 1, wherein said intended callee is an individual different from a line subscriber for a line number requested.

TELETYPE UNIT

23. The method for determining a call backup according to claim 1, wherein said intended callee is a line subscriber for a line number requested.

24. The method for determining a call backup according to claim 1, wherein said call context is determined at least one from among an authenticated identity of said caller, a profile for said caller, a profile for a line subscriber, a profile for said intended callee, and a profile for a device utilized by said caller.

25. The method for determining a call backup according to claim 1, wherein said call context comprises at least one from among, an identity of said caller, an identity of a line subscriber, an identity of said intended callee, said at least one backup party, a subject of said call, a location of origination of said call, an identity of a device utilized to place said call, a billing plan of said caller, a billing plan of said intended callee, and a billing plan of said at least one backup party.

26. A system for determining a call backup, comprising:

a context inference service server communicatively connected to a trusted telephone network;

means for detecting a context for a call from a caller to an intended callee at said context inference service server; and

means for automatically selecting at least one backup party from among a plurality of backup parties to said intended party according to said context for said call.

27. The system for determining a call backup according to claim

FOIA b 7 - D

26, further comprising:

means for receiving a request for a selection of at least one backup party.

28. The system for determining a call backup according to claim 26, further comprising:

means for detecting a context for said call at a context inference service executing within said trusted telephone network handling said call.

29. The system for determining a call backup according to claim 26, further comprising:

means for detecting a context for said call at a context inference service executing outside said trusted telephone network handling said call.

30. The system for determining a call backup according to claim 26, further comprising:

means for automatically facilitating forwarding said call to said at least one backup party.

31. The system for determining a call backup according to claim 26, further comprising;

means responsive to detecting said intended callee as unavailable, for automatically facilitating transfer of said call from said intended callee to said at least one backup party.

1002164-13701

32. The system for determining a call backup according to claim 26, further comprising:

means for searching for said intended callee among at least one line number according to an identity of said intended callee; and

means responsive to not detecting said callee at said at least one line number, for automatically facilitating transfer of said call from said intended callee to said at least one backup party.

33. The system for determining a call backup according to claim 26, further comprising:

means for accessing a backup profile comprising a plurality of backup parties designated according to context for said intended callee; and

means for filtering said plurality of backup parties according to said context for said call.

34. The system for determining a call backup according to claim 26, wherein said at least one backup party provides backup for a subject matter of said call context.

35. The system for determining a call backup according to claim 26, wherein said at least one backup party provides backup for an event of said call context.

36. The system for determining a call backup according to claim 26, wherein said at least one backup party provides backup for a

1003164-13401

time period of said context.

37. The system for determining a call backup according to claim 26, wherein said at least one backup party provides backup for a location of said caller in said call context.

38. The system for determining a call backup according to claim 26, wherein said at least one backup party provides backup for a type of device utilized by said caller in said call context.

39. The system for determining a call backup according to claim 26, wherein said at least one backup party comprises at least one individual.

40. The system for determining a call backup according to claim 26, wherein said at least one backup party comprises a business entity.

41. The system for determining a call backup according to claim 26, wherein said at least one backup party comprises a voice messaging service.

42. The system for determining a call backup according to claim 26, wherein said at least one backup party comprises a text messaging service.

43. The system for determining a call backup according to claim 26, wherein said at least one backup party comprises an instant messaging service.

44. The system for determining a call backup according to claim 26, further comprising:

1009464-1304

means for facilitating transfer of said call to a messaging service, wherein said messaging service provides said caller with a plurality of options comprising at least one from among leaving a message and selecting to transfer to another backup party.

45. The system for determining a call backup according to claim 26, further comprising:

means for sharing payment for telephone service costs for said call between said intended callee and said at least one backup party.

46. The system for determining a call backup according to claim 26, further comprising:

means for transferring a payment from said intended callee to said at least one backup party for answering said call.

47. The system for determining a call backup according to claim 26, wherein said intended callee is an individual different from a line subscriber for a line number requested.

48. The system for determining a call backup according to claim 26, wherein said intended callee is a line subscriber for a line number requested.

49. The system for determining a call backup according to claim 26, wherein said call context is determined at least one from among an authenticated identity of said caller, a profile for said caller, a profile for a line subscriber, a profile for said intended callee, and a profile for a device utilized by said

caller.

50 54. The system for determining a call backup according to claim 26, wherein said call context comprises at least one from among, an identity of said caller, an identity of a line subscriber, an identity of said intended callee, said at least one backup party, a subject of said call, a location of origination of said call, an identity of a device utilized to place said call, a billing plan of said caller, a billing plan of said intended callee, and a billing plan of said at least one backup party.

51 55. A computer program product for determining a call backup, comprising:

a recording medium;

means, recorded on said recording medium, for detecting a context for a call from a caller to an intended callee; and

means, recorded on said recording medium, for automatically selecting at least one backup party from among a plurality of backup parties to said intended party according to said context for said call.

52 56. The computer program product for determining a call backup according to claim 55, further comprising:

means, recorded on said recording medium, for receiving a request for a selection of at least one backup party.

53 57. The computer program product for determining a call backup according to claim 55, further comprising:

means, recorded on said recording medium, for detecting a context for said call at a context inference service executing within said trusted telephone network handling said call.

54 / 58. The computer program product for determining a call backup according to claim 55, further comprising:

means, recorded on said recording medium, for detecting a context for said call at a context inference service executing outside said trusted telephone network handling said call.

55 / 59. The computer program product for determining a call backup according to claim 55, further comprising:

means, recorded on said recording medium, for automatically facilitating forwarding said call to said at least one backup party.

56 / 60. The computer program product for determining a call backup according to claim 55, further comprising;

means, recorded on said recording medium, for automatically facilitating transfer of said call from said intended callee to said at least one backup party when said intended callee is unavailable.

57 / 61. The computer program product for determining a call backup according to claim 55, further comprising:

means, recorded on said recording medium, for searching for said intended callee among at least one line number according to

10023164-1201

an identity of said intended callee; and

means, recorded on said recording medium, responsive to not detecting said callee at said at least one line number, for automatically facilitating transfer of said call from said intended callee to said at least one backup party.

- 58/ 62. The computer program product for determining a call backup according to claim 55, further comprising:

means, recorded on said recording medium, for accessing a backup profile comprising a plurality of backup parties designated according to context for said intended callee; and

means, recorded on said recording medium, for filtering said plurality of backup parties according to said context for said call.

- 59/ 63. The computer program product for determining a call backup according to claim 55, further comprising:

means, recorded on said recording medium, for facilitating transfer of said call to a messaging service, wherein said messaging service provides said caller with a plurality of options comprising at least one from among leaving a message and selecting to transfer to another backup party.

- 60/ 64. The computer program product for determining a call backup according to claim 55, further comprising:

means, recorded on said recording medium, for sharing payment for telephone service costs for said call between said

10022164-434704

intended callee and said at least one backup party.

- 61 ~~65~~. The computer program product for determining a call backup according to claim 55, further comprising:

means, recorded on said recording medium, for transferring a payment from said intended callee to said at least one backup party for answering said call.

- 62 ~~66~~. A method for controlling a call, comprising:

receiving a call request for a call at a service provider;

accessing a context for said call, wherein said context comprises at least one context based backup party for said call; and

responsive to detecting that said call is unanswered, automatically transferring said call to said at least one context based backup party for said call.

- 63 ~~67~~. The method for controlling a call according to claim ~~66~~ ⁶², wherein said call request comprises a request for a line number.

- 64 ~~68~~. The method for controlling a call according to claim ~~67~~ ⁶², wherein said call request comprises a request for a line number and an intended callee.

- 65 ~~69~~. The method for controlling a call according to claim ~~68~~ ⁶², wherein said call request comprises a request for an intended callee.

TELETYPE UNIT

66 ~~70~~. The method for controlling a call according to claim ~~66~~⁶², wherein said at least one backup party comprises an individual.

67 ~~71~~. The method for controlling a call according to claim ~~66~~⁶², wherein said at least one backup party comprises a messaging service.

68 ~~72~~. The method for controlling a call according to claim ~~66~~⁶², wherein said context for said call is accessed from a context inference service executing within a trusted telephone network processing said call.

69 ~~73~~. The method for controlling a call according to claim ~~66~~⁶², wherein said context for said call is accessed from a context inference service executing outside a trusted telephone network processing said call.

70 ~~74~~. A method for controlling a call path, comprising:

receiving a call request for a call to an intended callee;

accessing a context for said call, wherein said context comprises a request to automatically forward said call to a context based backup party for said intended callee; and

forwarding said call to said context based backup party.

71 ~~75~~. A method for controlling a telephony device, comprising:

receiving an identification of at least one backup party for an intended callee requested by a caller utilizing a telephony device;

10022164-121701

controlling output of said identification of said at least one backup party via an output interface accessible to said telephony device; and

responsive to receiving a selection from among said at least one backup party, transferring said call to a switch providing service for said selected backup party.

1002164-13101